Advanced Secondary Loop Supermarket Refrigeration

This project will evaluate a unique supermarket refrigeration system that seeks to reduce refrigerant leakage, and thus ozone depletion, while improving energy efficiency. Existing systems typically contain 6000 pounds of refrigerant while the secondary-loop system contains less than 500 pounds.



Secondary-loop refrigeration equipment, shown in a rooftop mechanical room, is factory assembled and shipped as a high quality, specialty package unit.





Installing refrigerated display cases.